

REPORT ON THE BUBBS HILL PROSPECT

LYELL E.Z. EXPLORATIONS

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Report on Examination of Bubbs Hill Prospect

Date of Examination:

17th June, 1957.

Personnel Employed:

B. Scott and R. Martin (prospect reported by R. Martin).

Man Days in the Field:

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Location:

The prospect is located near the Lyell Highway, 13 miles from Queenstown. Access is made by following an old timber slide from the north side of the Highway almost directly opposite Bubbs Hill. This slide leads to the top of a ridge along which a good track follows westwards to the prospect. The reported mineralisation is approximately one mile from the top of this slide, actually occurring on the track. (LEE photograph Run 2, 887/21).

General Topography of the Area:

The track follows the King River-Franklin River divide, with deeply dissected, heavily timbered, valleys on either side of this ridge.

Geological Investigations and Findings:

From Bubbs Hill to the prospect the general geology consists of Gordon Limestone and Crotty Quartzite unconformably placed on Precambrian meta-quartzites and slates. The area is on the north side of the fault zone which persists westward to the Linda Gap, and Queenstown.

The mineralisation consists of two narrow zones (9 feet and 5 feet wide) 20 feet apart. The zones consist of pyrite blebs up to 3 inches across in shaley Gordon Limestone which has a general strike of 125 degrees. The pyrite forms 10-15% of the bands. Selected sulphide specimens submitted by R. Martin assayed as follows:

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Copper

0.05%

Silver (ozs./ton)

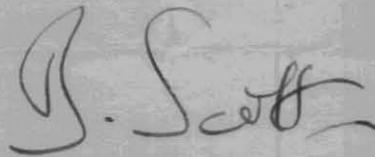
Trace

Lead

0.344%

Conclusions:

On the prospect alone no further work is warranted. However, it is interesting to note that the mineralisation is associated with the major east-west faults which extend to the Linda area and the extensive sulphide mineralisation in the Linda Gap. Also sulphide mineralisation is known on the south side of this fault zone at Bubbs Hill, as at Espie's Galena Show which is approximately 2-3 miles south-east of Martin's prospect. Consequently, the Bubbs Hill area will be a zone of interest for the airborne geophysical programme.



Geologist-in-Charge.